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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

107/97/01
U.S.**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

Attorney Docket No 1930 0090001

First Inventor Reuel William Nash

Title Method, System and Computer Program Product for Efficiently Utilizing Limited Resources in a Graphics Device

Express Mail Label No

097904541

07/16/01

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 30]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 9]
- Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.
- CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on
 - i. CD-ROM or CD-R (2 copies), or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Two (2) Return Receipt Postcards (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent
17. Other Authorization under 37 CFR § 1.136(a)(3)
 Other The name of the assignee is:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

Continuation Divisional Continuation-in-Part (CIP) of prior application No _____ / _____
Prior application information Examiner _____ Group/Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor Correspondence address below

Customer No. 26111

(Insert Customer No. or Attach bar code label here)

| | | | |
|---------|---|----------|--|
| NAME | STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. | | |
| | PATENT & TRADEMARK OFFICE Attorneys at Law | | |
| ADDRESS | | | |
| CITY | STATE | ZIP CODE | |
| COUNTRY | TELEPHONE | FAX | |

| | | | |
|-------------------|-----------------------------|-----------------------------------|-----------------|
| NAME (Print/Type) | Michael V. Messinger | Registration No. (Attorney/Agent) | 37,575 |
| SIGNATURE | <i>H. Patterson for MVM</i> | Kendrick Patterson Reg. No. | Date 07-16-2001 |

45,321

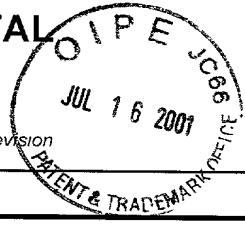
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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$804.00)



Complete if Known

| | |
|----------------------|--------------------|
| Application Number | To Be Assigned |
| Filing Date | Herewith |
| First Named Inventor | Reuel William Nash |
| Examiner Name | To Be Assigned |
| Group Art Unit | To Be Assigned |
| Attorney Docket No. | 1930.0090001 |

METHOD OF PAYMENT (check one)

FEE CALCULATION (continued)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

| | |
|------------------------|--|
| Deposit Account Number | 19-0036 |
| Deposit Account Name | Sterne, Kessler, Goldstein & Fox P L L C |

Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status
See 37 CFR 1.27

Payment Enclosed.

Check Credit card Money Order Other*

*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No 19-0036

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Entity Fee | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|------------|----------------------------|---------------------------|----------|
| 101 | 710 | 201 | 355 Utility filing fee | 710.00 |
| 106 | 320 | 206 | 160 Design filing fee | |
| 107 | 490 | 207 | 245 Plant filing fee | |
| 108 | 710 | 208 | 355 Reissue filing fee | |
| 114 | 150 | 214 | 75 Provisional filing fee | |

SUBTOTAL (1) (\$ 710.00)

2. EXTRA CLAIM FEES

| Extra | Fee from below | Fee Paid |
|----------------------------|----------------|----------|
| Total Claims 23 - 20** = 3 | X 18 | = 54.00 |
| Indep. Claims 3 - 3** = 0 | X 80.00 | = 00.00 |
| Multiple Dependent | 0 | = 00.00 |

| Large Entity Fee Code (\$) | Entity Fee | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|------------|----------------------------|---|
| 103 | 18 | 203 | 9 Claims in excess of 20 |
| 102 | 80 | 202 | 40 Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 Multiple dependent claim |
| 108 | 80 | 209 | 40 **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 54.00)

3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee paid |
|----------|----------|----------|----------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 130 | 123 | 130 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 481 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

Other fee (specify)

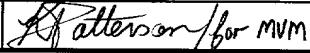
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

** or number previously paid, if greater. For Reissues, see above

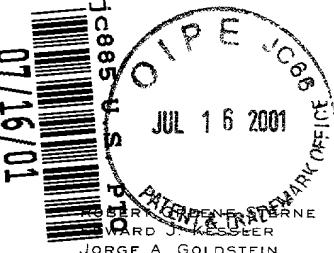
SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|-------------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Michael V. Messinger | Registration No (Attorney/Agent) | 37,575 | Telephone | 202-371-2600 |
| Signature |  | Kendrick Patterson, Re. No. 45,321 | | Date | 07-16-2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

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*LIMITED TO MATTERS
AND PROCEEDINGS BEFORE
FEDERAL COURTS & AGENCIES
**REGISTERED PATENT AGENT
***SENIOR COUNSEL

July 16, 2001

Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. To Be Assigned; Filed: Herewith

For: **Method, System and Computer Program Product for Efficiently
Utilizing Limited Resources in a Graphics Device**

Inventors: Nash *et al.*

Our Ref: 1930.0090001

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Fee Transmittal (Form PTO/SB/17) (*in duplicate*);
2. PTO Utility Patent Application Transmittal (Form PTO/SB/05);
3. U.S. Utility Patent Application entitled:

**Method, System and Computer Program Product for Efficiently Utilizing
Limited Resources in a Graphics Device**

and naming as inventors:

Commissioner for Patents

July 16, 2001

Page 2

Reuel William Nash
Mark Allan Young
Charles Labarre

the application consisting of:

- a. A specification containing:
 - i. 25 pages of description prior to the claims;
 - ii. 4 pages of claims (23 claims);
 - iii. a one (1) page abstract;
- b. 9 sheets of drawings: (Figures 1-3, 4A, 4B, 5A, 5B and 6-8);
- c. Application Data Sheet; and
- d. An original executed Declaration;
4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*);
5. Recordation Form Cover Sheet;
6. An original executed Assignment to Intrinsic Graphics, Inc., recordation of which is hereby respectfully requested;
7. An original executed Power of Attorney from Assignee;
8. A Certificate under 37 C.F.R. § 3.73(b) from Assignee with a copy of the Assignment attached;
9. Our check No. 31897 for \$804.00 to cover:
 \$710.00 Filing fee for patent application;
 \$40.00 Assignment recordation fee; and
 \$54.00 Fee for excess claim; and
10. Two (2) return postcards.

Commissioner for Patents
July 16, 2001
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Kendrick Patterson
REG. No. 45,321

for / Michael V. Messinger
Attorney for Applicants
Registration No. 37,575

MVM/KPP/dnk
Enclosures